## **EXHIBIT 22**

## Case 5:14-cv-05344-BLF Document 1-27 Filed 12/05/14 Page 2 of 5 Certificate of Registration



This Certificate issued under the seal of the Copyright Office in accordance with title 17, *United States Code*, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Registration Number TX 7-933-353

Effective date of registration:

November 14, 2014

Register of Copyrights, United States of America

**Title** 

Title of Work: Cisco IOS XR version 5.2

Previous or Alternative Title: Cisco IOS XR 5.2

Cisco IOS XR Release 5.2

Cisco IOS XR Software Release 5.2 Cisco IOS XR Software Version 5.2

Cisco Internetwork Operating System version XR version 5.2

Cisco Internetwork Operating System XR release 5.2

**Completion/Publication** 

Year of Completion: 2014

Date of 1st Publication: July 5, 2014

Nation of 1st Publication: United States

Author

Author: Cisco Systems, Inc.

Author Created: text, computer program

Work made for hire: Yes

Citizen of: United States

Author: Bard na nGleann

Author Created: text

Work made for hire: Yes

Citizen of: Ireland

Domiciled in: Ireland

Domiciled in: United States

Author: HCL Technologies Limited

Author Created: text, computer program

Work made for hire: Yes

Citizen of: India

Domiciled in: India

Author: Nichepro Consulting Private Limited

Author Created: text

Work made for hire: Yes

Citizen of: India Domiciled in: India

Author: Innovatia, Inc.

Author Created: text

Work made for hire: Yes

Citizen of: Canada Domiciled in: Canada

Author: Abacus Business Solutions, Inc.

Author Created: computer program

Work made for hire: Yes

Citizen of: United States Domiciled in: United States

Author: Aricent Technologies Mauritius Limited

Author Created: computer program

Work made for hire: Yes

Citizen of: Mauritius Domiciled in: Mauritius

**Author:** Ensoft Limited

Author Created: computer program

Work made for hire: Yes

Citizen of: United Kingdom Domiciled in: United Kingdom

■ Author: Infosys Technologies Ltd.

Author Created: computer program

Work made for hire: Yes

Citizen of: India Domiciled in: India

■ Author: KForce Inc

Author Created: computer program

Work made for hire: Yes

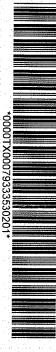
Citizen of: United States Domiciled in: United States

Author: Paxterra Solutions Inc.

Author Created: computer program

Work made for hire: Yes

Citizen of: United States Domiciled in: United States



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Author: Tech Mahindra Limited

Author Created: computer program

Work made for hire: Yes

Citizen of: India Domiciled in: India

■ Author: Wipro Limited

Author Created: computer program

Work made for hire: Yes

Citizen of: India Domiciled in: India

**Copyright claimant** 

Copyright Claimant: Cisco Technology, Inc.

170 W. Tasman Drive, San Jose, CA, 95134, United States

Transfer Statement: By written agreement

**Limitation of copyright claim** 

Material excluded from this claim: Prior works by claimant and preexisting third party computer code

Previous registration and year: Pending 2014

New material included in claim: New and revised computer code and accompanying documentation

Certification

Name: Joshua L. Simmons, Esq.

Date: November 12, 2014

Applicant's Tracking Number: 41593-0036

**Registration #:** TX0007933353 **Service Request #:** 1-1879984863



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